25. The polynucleotide of claim 24, comprising 30 contiguous nucleotides of SEQ ID NO:3.

26. The polynucleotide of claim 23, further comprising a heterologous polynucleotide.

A'

27. A vector comprising the polynucleotide of claim 23.

28. A host cell comprising the polynucleotide of claim 23.

29. The host cell of claim 28, wherein said polynucleotide is operably associated with a heterologous regulatory sequence.

30. A method of using the host cell of claim 29 to screen for ligand binding, comprising culturing said host cell under conditions such that a polypeptide encoded by said polynucleotide is expressed, contacting said polypeptide with said ligand, and detecting binding of said ligand to said polypeptide.

31. A method of producing a polypeptide comprising culturing the host cell of claim 29 under conditions such that said polypeptide is expressed, and recovering said polypeptide.

32. A polypeptide produced by the method of claim 31.

33. An isolated polynucleotide comprising a nucleic acid at least 90% identical to 50 contiguous nucleotides of SEQ ID NO:3.

34. The polynucleotide of claim 33, wherein said nucleic acid is at least 95% identical to 50 contiguous nucleotides of SEQ ID NO:3.

35. The polynucleotide of claim 34, comprising 50 contiguous nucleotides of SEQ ID NO:3.

36. The polynucleotide of claim 33, further comprising a heterologous polynucleotide.

37. A vector comprising the polynucleotide of claim 33.

38. A host cell comprising the polynucleotide of claim 33.

39. The host cell of claim 38, wherein said polynucleotide is operably associated with a heterologous regulatory sequence.

40. A method of using the host cell of claim 39 to screen for ligand binding, comprising culturing said host cell under conditions such that a polypeptide encoded by said polynucleotide is expressed, contacting said polypeptide with said ligand, and detecting binding of said ligand to said polypeptide.

41. A method of producing a polypeptide comprising culturing the host cell of claim 39 under conditions such that said polypeptide is expressed, and recovering said polypeptide.

42. A polypeptide produced by the method of claim 41.

43. An isolated polynucleotide comprising a nucleic acid at least 90% identical to 150 contiguous nucleotides of SEQ ID NO:3.

44. The polynucleotide of claim 43, wherein said nucleic acid is at least 95% identical to 150 contiguous nucleotides of SEQ ID NO:3.

45. The polynucleotide of claim 44, comprising 150 contiguous nucleotides of SEQ ID NO:3.

46. The polynucleotide of claim 43, further comprising a heterologous polynucleotide.

47. A vector comprising the polynucleotide of claim 43.

48. A host cell comprising the polynucleotide of claim 43.

49. The host cell of claim 48, wherein said polynucleotide is operably associated with a heterologous regulatory sequence.

50. A method of using the host cell of claim 49 to screen for ligand binding, comprising culturing said host cell under conditions such that a polypeptide encoded by said polynucleotide is expressed, contacting said polypeptide with said ligand, and detecting binding of said ligand to said polypeptide.

51. A method of producing a polypeptide comprising culturing the host cell of claim 49 under conditions such that said polypeptide is expressed, and recovering said polypeptide.

52. A polypeptide produced by the method of claim 51.

53. An isolated polynucleotide comprising a nucleic acid at least 90% identical to a reference nucleic acid encoding 30 contiguous amino acids of SEQ ID NO:4.

54. The polynucleotide of claim 53, wherein said nucleic acid is at least 95% identical to said reference nucleic acid.

55. The polynucleotide of claim 54, wherein said nucleic acid encodes 30 contiguous amino acids of SEQ ID NO:4.

56. The polynucleotide of claim 53, wherein said nucleic acid encodes a polypeptide which binds an antibody having specificity for the polypeptide of SEQ ID NO:4.

57. The polynucleotide of claim 53, wherein said nucleic acid encodes a polypeptide which as G protein-coupled receptor activity.

58. The polynucleotide of claim 53, further comprising a heterologous polynucleotide.

59. A vector comprising the polynucleotide of claim 53.

60. A host cell comprising the polynucleotide of claim 53.

61. The host cell of claim 60, wherein said polynucleotide is operably associated with a heterologous regulatory sequence.

62. A method of using the host cell of claim 61 to screen for ligand binding, comprising culturing said host cell under conditions such that a polypeptide encoded by said polynucleotide is expressed, contacting said polypeptide with said ligand, and detecting binding of said ligand to said polypeptide.

63. A method of producing a polypeptide comprising culturing the host cell of claim 61 under conditions such that said polypeptide is expressed, and recovering said polypeptide.

64. A polypeptide produced by the method of claim 63.

65. An isolated polynucleotide comprising a nucleic acid at least 90% identical to a reference nucleic acid encoding 50 contiguous amino acids of SEQ ID NO:4.

66. The polynucleotide of claim 65, wherein said nucleic acid is at least 95% identical to said reference nucleic acid.

67. The polynucleotide of claim 66, wherein said nucleic acid encodes 50 contiguous amino acids of SEQ ID NO:4.

68. The polynucleotide of claim 65, wherein said nucleic acid encodes a polypeptide which binds an antibody having specificity for the polypeptide of SEQ ID NO:4.

69. The polynucleotide of claim 65, wherein said nucleic acid encodes a polypeptide which has G protein-coupled receptor activity.

70. The polynucleotide of claim 65, further comprising a heterologous polynucleotide.

71. A vector comprising the polynucleotide of claim 65.

72. A host cell comprising the polynucleotide of claim 65.

73. The host cell of claim 72, wherein said polynucleotide is operably associated with a heterologous regulatory sequence.

74. A method of using the host cell of claim 73 to screen for ligand binding, comprising culturing said host cell under conditions such that a polypeptide encoded by said polynucleotide is expressed, contacting said polypeptide with said ligand, and detecting binding of said ligand to said polypeptide.

75. A method of producing a polypeptide comprising culturing the host cell of claim 73 under conditions such that said polypeptide is expressed, and recovering said polypeptide.

76. A polypeptide produced by the method of claim 75.

77. An isolated polynucleotide comprising a nucleic acid encoding at least one transmembrane domain of SEQ ID NO:4.

78. The polynucleotide of claim 77, further comprising a heterologous polynucleotide.

79. A vector comprising the polynucleotide of claim 77.

80. A host cell comprising the polynucleotide of claim 77.

81. The host cell of claim 80, wherein said polynucleotide is operably associated with a heterologous regulatory sequence.

82. A method of using the host cell of claim 81 to screen for ligand binding, comprising culturing said host cell under conditions such that a polypeptide encoded by said polynucleotide is expressed, contacting said polypeptide with said ligand, and detecting binding of said ligand to said polypeptide.

83. A method of producing a polypeptide comprising culturing the host cell of claim 81 under conditions such that said polypeptide is expressed, and recovering said polypeptide.

84. A polypeptide produced by the method of claim 83.

85. An isolated polypeptide comprising amino acids, wherein the sequence of said amino acids is at least 90% identical to 30 contiguous amino acids of SEQ ID NO:4.

86. The polypeptide of claim 85, wherein the sequence of said amino acids is at least 95% identical to 30 contiguous amino acids of SEQ ID NO:4.

87. The polypeptide of claim 86, comprising 30 contiguous amino acids of SEQ ID NO:4.

88. The polypeptide of claim 85, comprising amino acids, wherein the sequence of said amino acids is at least 90% identical to 50 contiguous amino acids of SEQ ID NO:4.

89. The polypeptide of claim 88, wherein the sequence of said amino acids is at least 95% identical to 50 contiguous amino acids of SEQ ID NO:4.

90. The polypeptide of claim 89, comprising 50 contiguous amino acids of SEQ ID NO:4.

91. The polypeptide of claim 85, wherein said polypeptide has G-protein coupled receptor activity.

92. The polypeptide of claim 85, wherein said polypeptide binds an antibody having specificity for the polypeptide of SEQ ID NO:4.

93 The polypeptide of claim 85, further comprising a heterologous polypeptide.

94. A composition comprising the polypeptide of claim 85 and a carrier.

95. An antibody which binds the polypeptide of claim 85.

96. An antagonist of the polypeptide of claim 85.--